



## Amendments to the Abstract

Please replace the abstract beginning on page 68 with the following paragraph:

### A<sub>1</sub> ADENOSINE RECEPTOR ANTAGONISTS

#### ABSTRACT OF THE DISCLOSURE

The present invention provides novel adenosine receptor antagonists, more particularly, A<sub>1</sub> adenosine receptor antagonists. Pharmaceutical compositions comprising an A<sub>1</sub> adenosine receptor antagonist disclosed herein and a pharmaceutically acceptable carrier are further provided. Compositions also include diagnostic assay-type probes comprising a novel A<sub>1</sub> adenosine receptor antagonist that is labeled or conjugated with radioactive or non-radioactive material. Methods for treating A<sub>1</sub> adenosine receptor related disorders comprising administering an A<sub>1</sub> adenosine receptor antagonist of the invention are also disclosed. The novel A<sub>1</sub> adenosine receptor antagonist compositions find further use in diagnostic and imaging methods.